



Cal OES

Daily Weather Threat Briefing

Regional Operations Center

Western Region

Friday, August 5



Day 1 (Friday): Thunderstorms will likely produce heavy rain today across the Sierra Nevada, with a continued threat for flash flooding, especially near recent burn scars.



Weather Risk Outlook

Regional Operations Center
Western Region
Friday, August 5

	Fri, Aug 5	Sat, Aug 6	Sun, Aug 7	Mon, Aug 8	Tue, Aug 9	Wed, Aug 10	Thu, Aug 11			
Fire Weather Low RH / Wind / Dry T-Storms	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern			
Thunderstorms Wind / Hail / Tornadoes	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern			
Heat	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern			
Cold										
River Flooding										
Wind										
Heavy Rain Flash Flooding / Debris Flow	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern			
Snow										
Coastal Flooding										
Risk Levels	Little to None		Minor		Moderate		Major		Extreme	



Weather Key Points

Regional Operations Center

Western Region

Friday, August 5

- Showers and thunderstorms will again become widespread on Friday across the the Sierra Nevada, with slightly less coverage of showers and thunderstorms for the northern mountains and the southern CA mountains and valleys.
 - Heavy rain will again be the biggest threat with these thunderstorms, and could cause flash flooding concerns near recent burn scars, especially burn areas in the central and southern Sierra.
 - Isolated thunderstorms across the northern California mountains today may see occasional lightning, gusty winds, and small hail. This includes areas of Western and Central Siskiyou County, including the McKinney Fire and the Yeti-Alex Complex.
- Drier conditions expected through the weekend across the state, with a return of monsoonal moisture for Southeast California early to mid next week.
- Temperatures will be slightly cooler across the central valley, bringing the entire state to within a few degrees of seasonal normals for early August. These temperatures are expected to remain near normal through the week.

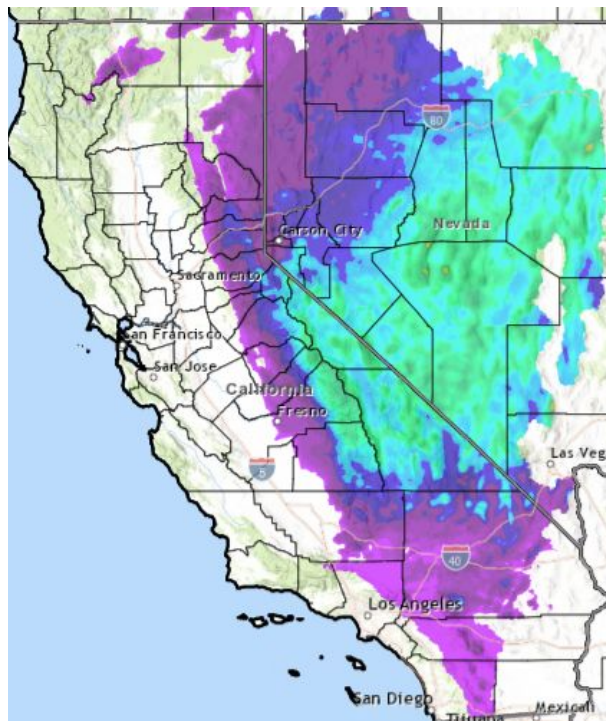


Precipitation Forecast

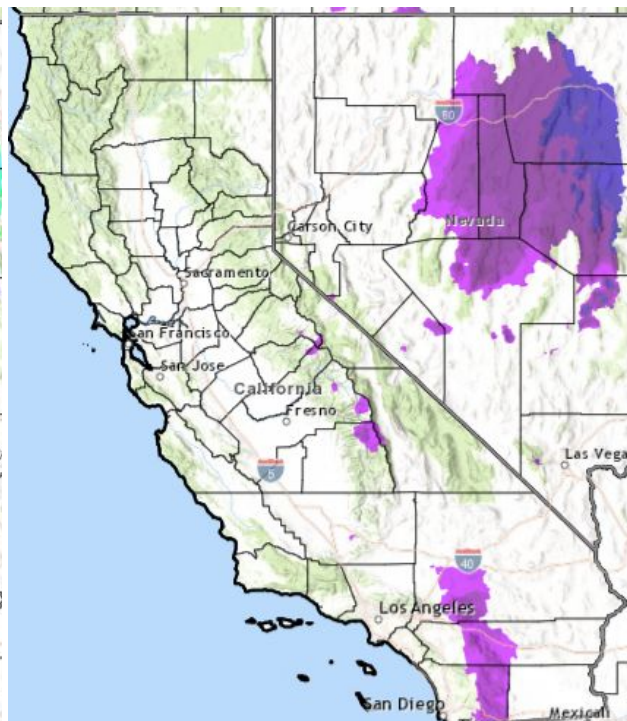
Regional Operations Center

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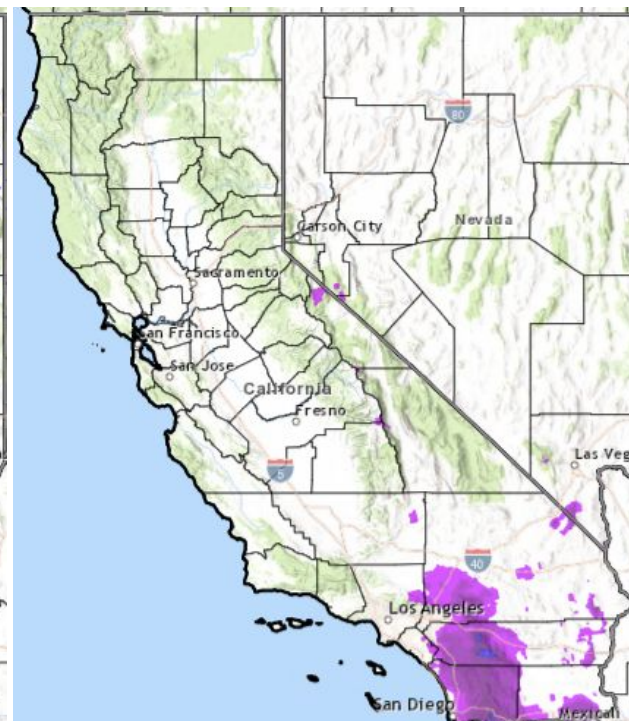
Friday, August 5



Friday



Saturday



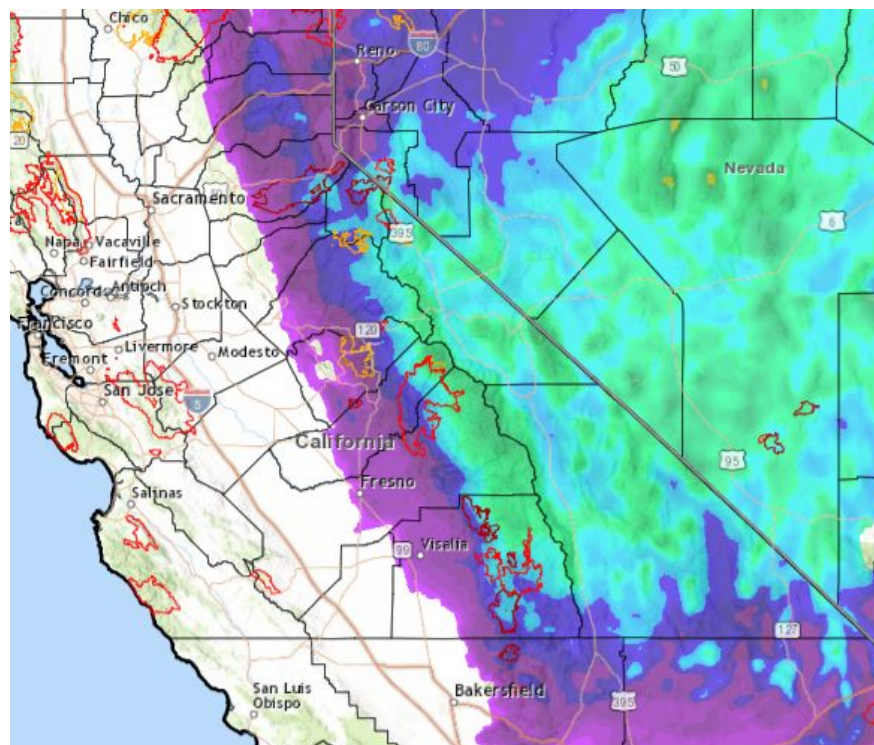
Sunday

Important Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

Precipitation (inches)



Burn Scar Precipitation Friday



Friday Precipitation with recent burn scars overlaid.

The greatest concern is for burn scars along the central and southern Sierra.

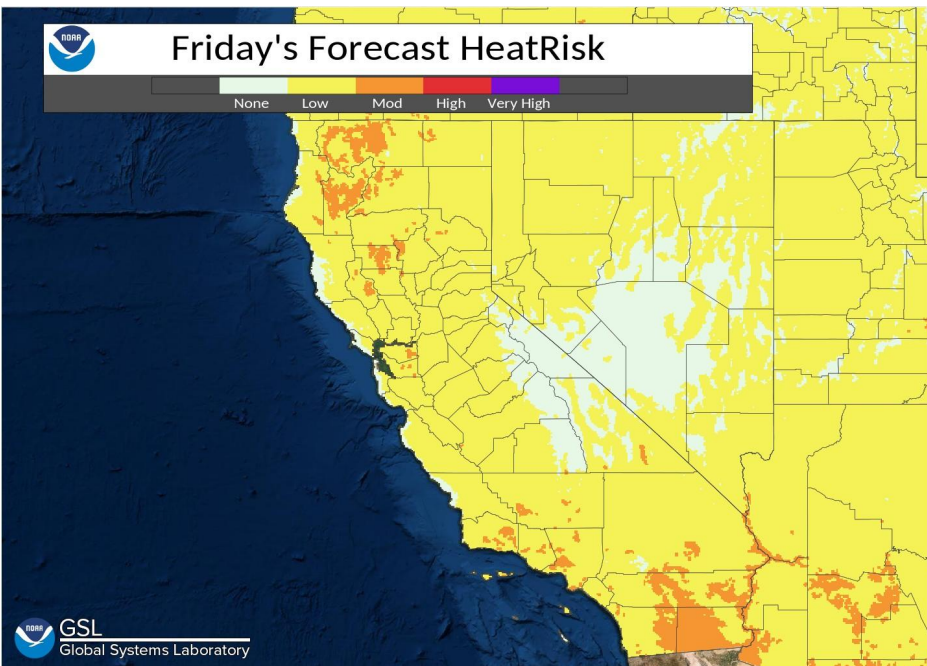
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Precipitation (inches)



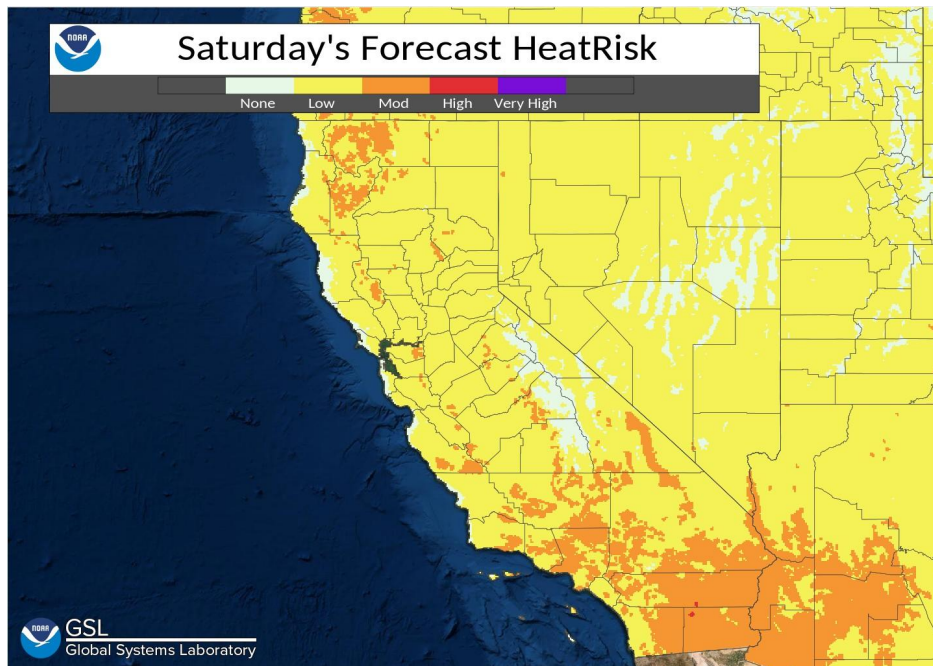
Friday's Forecast HeatRisk

None Low Mod High Very High



Saturday's Forecast HeatRisk

None Low Mod High Very High



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight



Weather Outlook (6-14 Days)

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Western Region

Friday, August 5

6-10 Day Outlook (August 10 – August 14)

Temperatures

- Near to below normal temperatures are favored across southeastern California, with above normal temperatures favored for the remainder of the state

Precipitation

- Above normal precipitation is favored over the interior and southern regions of the state as the monsoon weather pattern remains active

8-14 Day Outlook (August 12 – August 18)

Temperatures

- Near to below normal temperatures are favored across southeastern California, with above normal temperatures favored for the remainder of the state

Precipitation

- Above normal precipitation is slightly favored over the central and southern interior areas, and across southern regions of the state as the monsoon weather pattern remains active



Risk Assessment Matrix

Regional Operations Center

Western Region

Friday, August 5

Impact Level Definition

- 1. Impactful weather is not expected.**
- 2. Potential threat to lives and property if no/incorrect actions are taken.**
 - Localized impacts on commerce possible.
 - Includes events that occur frequently.
- 3. Potential threat to lives and property if no/incorrect actions are taken.**
 - Impacts on commerce possible.
 - Includes events that occur a few times per year.
- 4. Actions likely needed to save lives and/or property.**
 - Significant impacts to commerce possible.
 - Includes events that occur infrequently.
- 5. Actions required to save lives and/or property.**
 - Significant and extended impacts to commerce.
 - Includes exceptionally rare events.

